



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday October 12, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Severe thunderstorms (wind, hail, isolated tornadoes) across NW OK into the TX Panhandle today.**
- **Elevated fire weather conditions and strong winds across part of NM, W TX and the TX/OK Panhandles today.**
- **Heavy rainfall and flooding Tuesday through Thursday across parts of TX/OK/AR.**

FEMA Region 6 Threat Matrix

Oct 12, 2021 - Oct 16, 2021



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	OK/TX Panhandle	SW TX			
Heavy Rain / Flash Flooding	N OK	TX/SE OK/W AR	TX/SE OK		
	OK/TX/N LA		W AR		
Fire Weather	NE & SE NM/W TX W OK Panhandle				
Strong Winds	NM/Far West TX				
Tropical Winds / Surge					
River Flooding	SW LA,AR	SW LA,AR	SW LA,AR	SW LA	SW LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



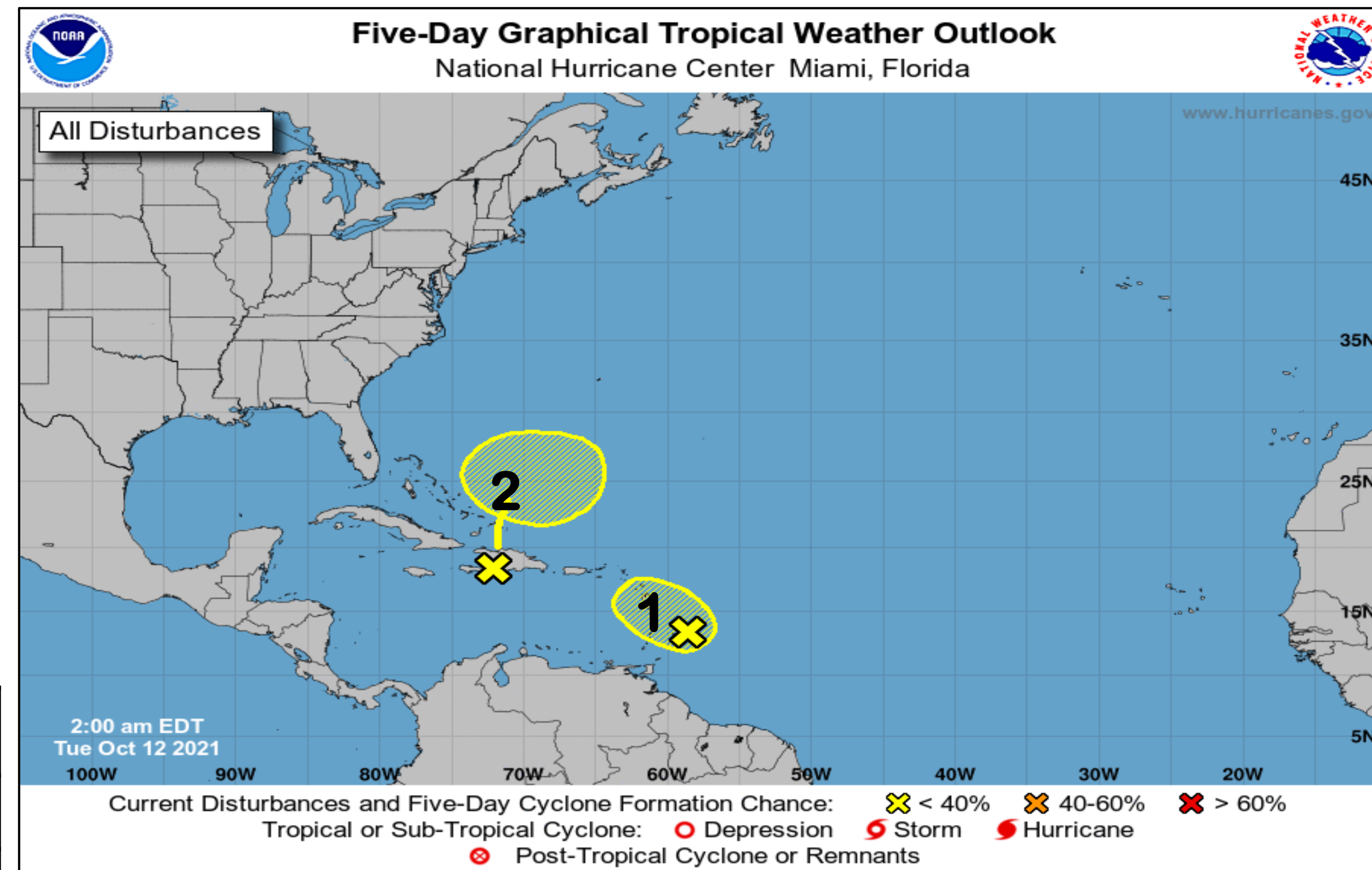
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Low	None.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

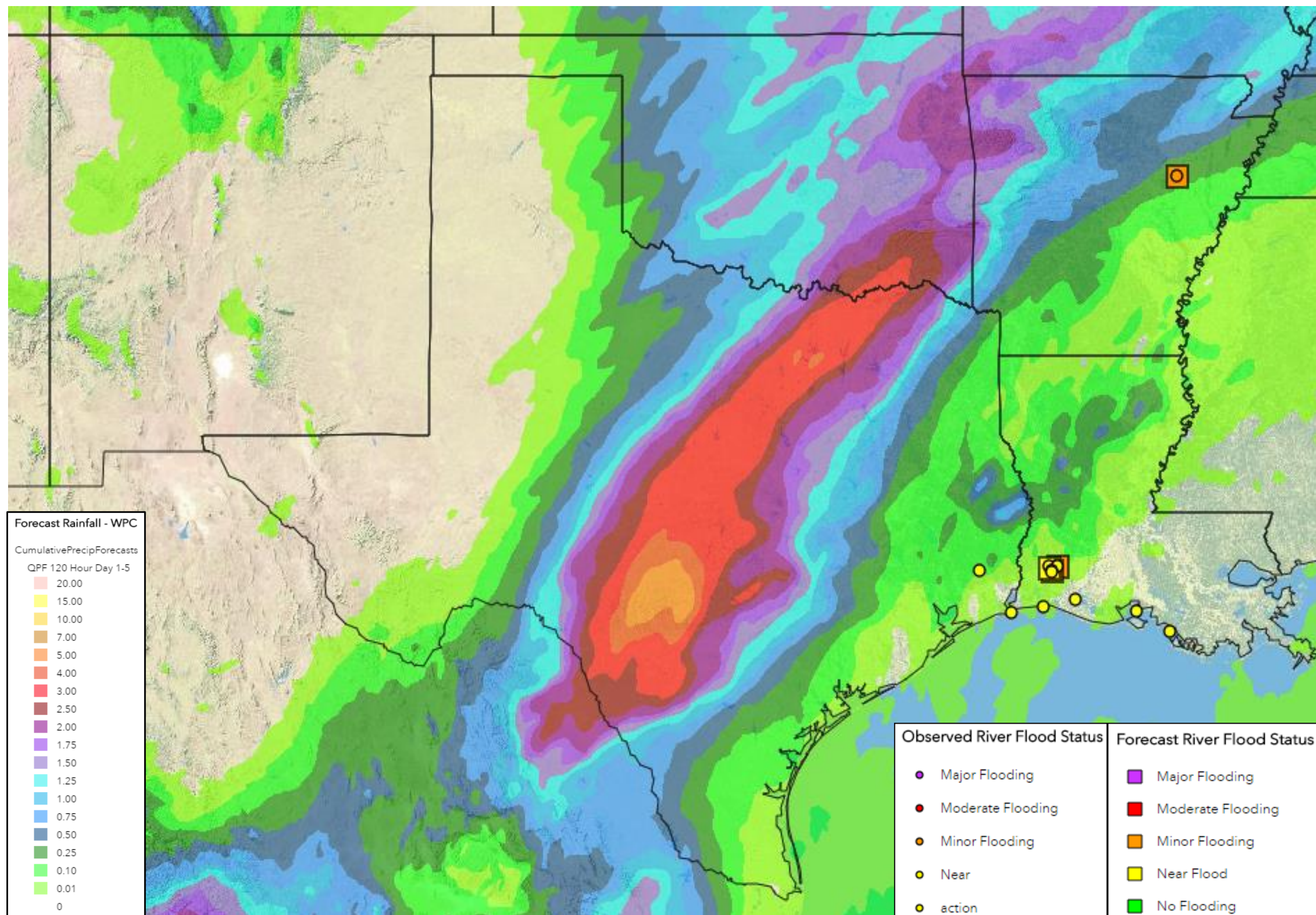


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



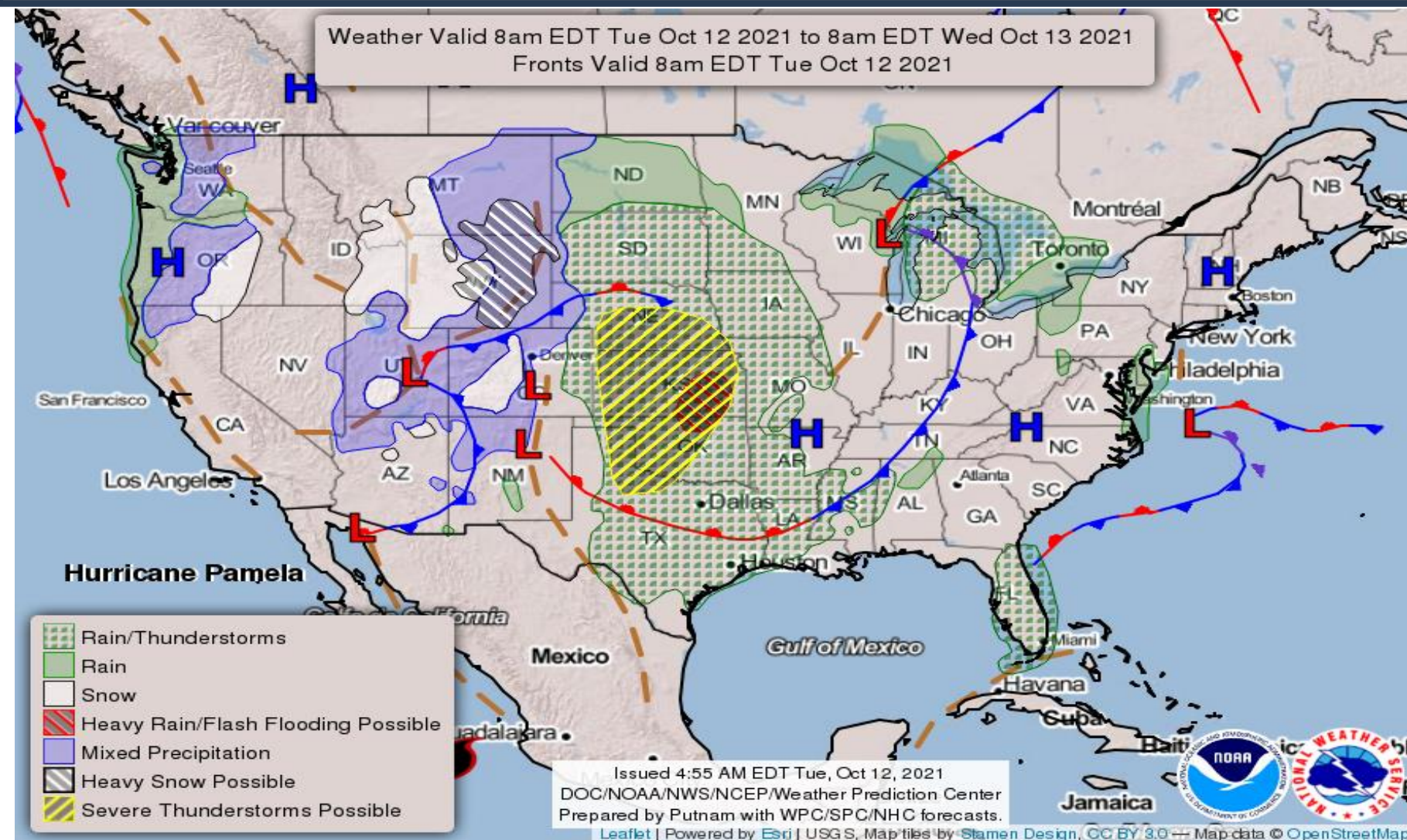
The Calcasieu River near White Oak Park and Saltwater Barrier (LA) are in minor flood. Minor marshland and road flooding may occur.

The Cache River at Patterson (AR) is in minor flood stage. Minor flooding of some pastureland, cropland, and roads/highways.

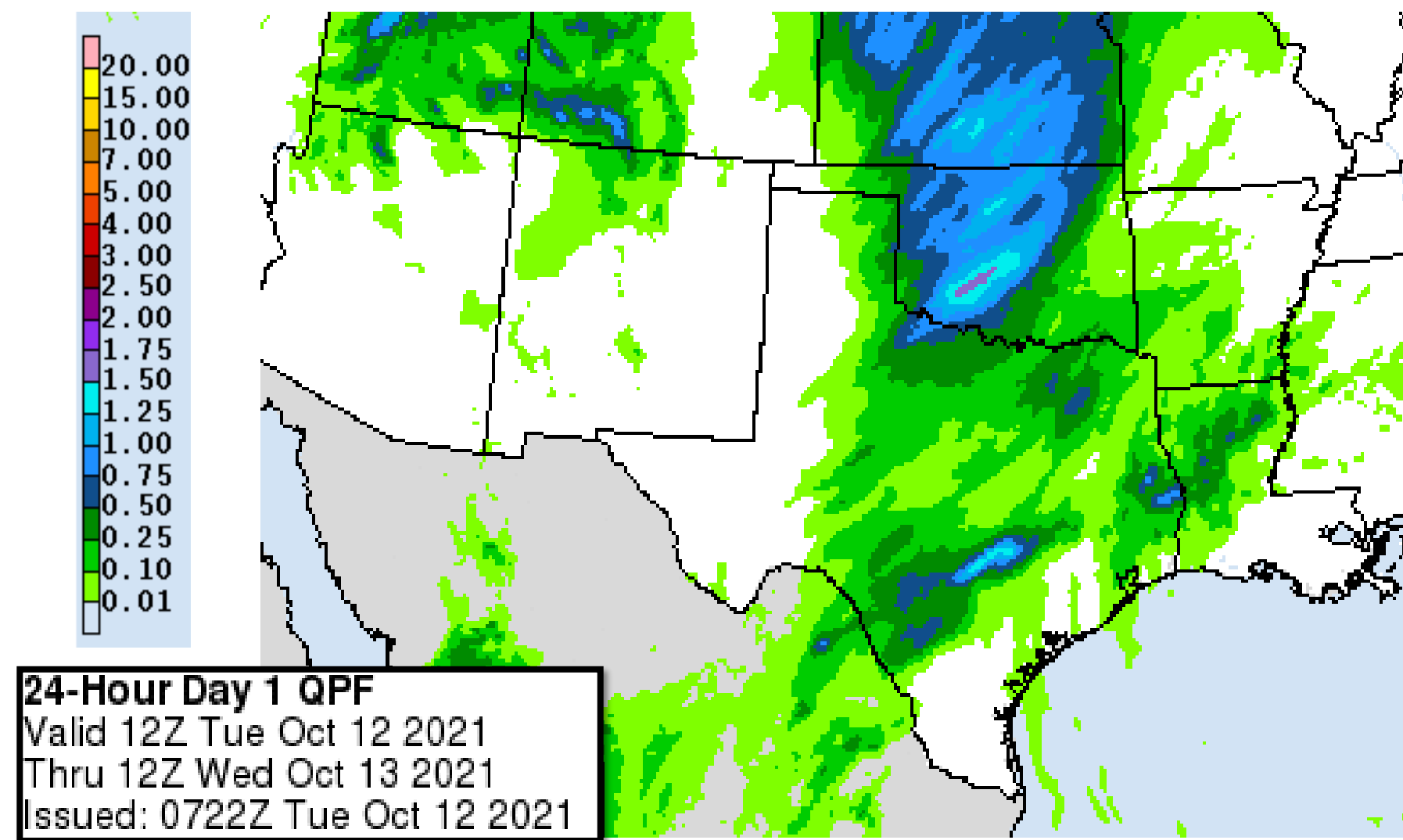
Rainfall over the next few days could lead to minor to isolated moderate river flooding over parts of TX.

Today's Weather

Forecast Chart



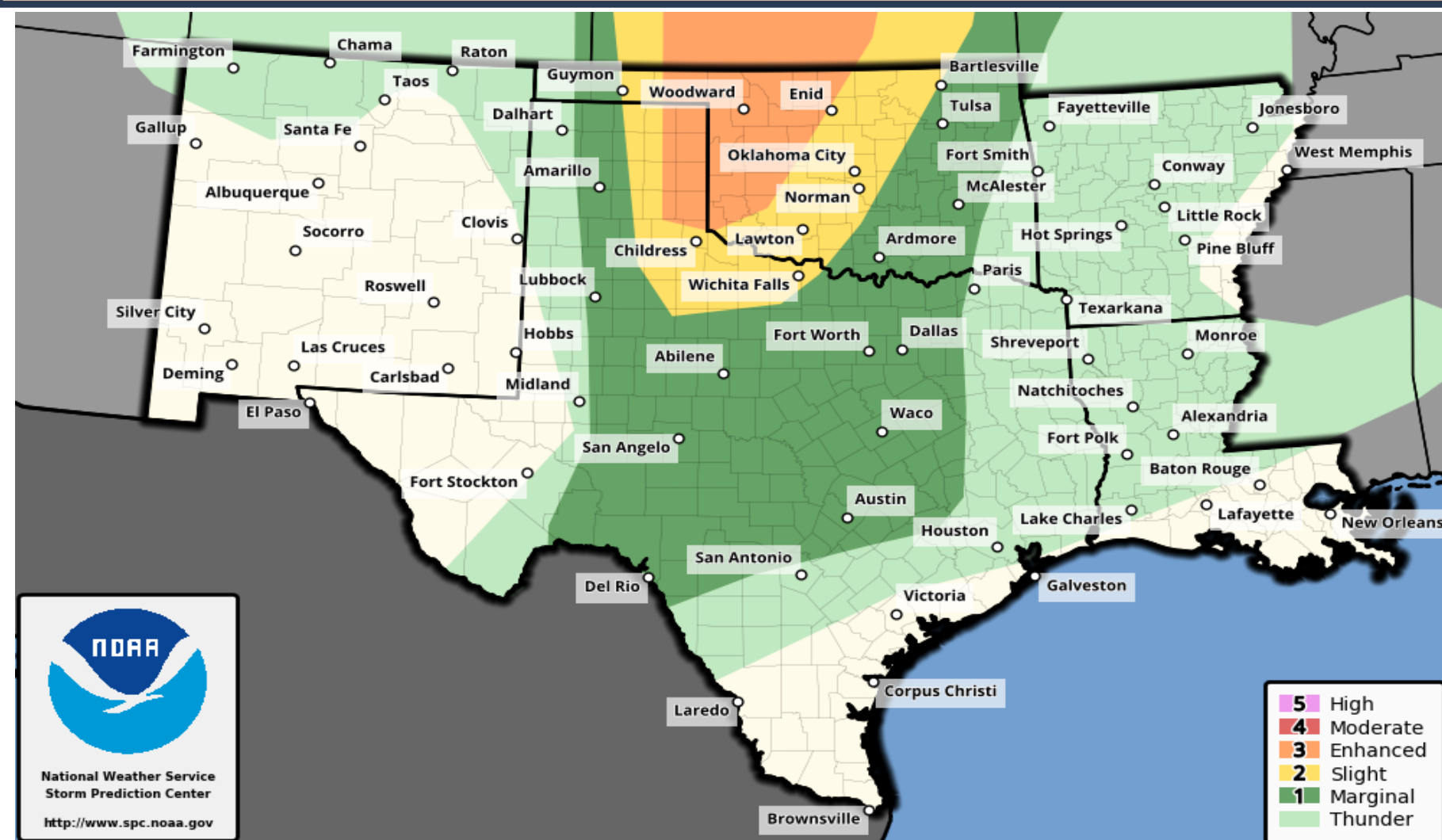
Forecast Rainfall



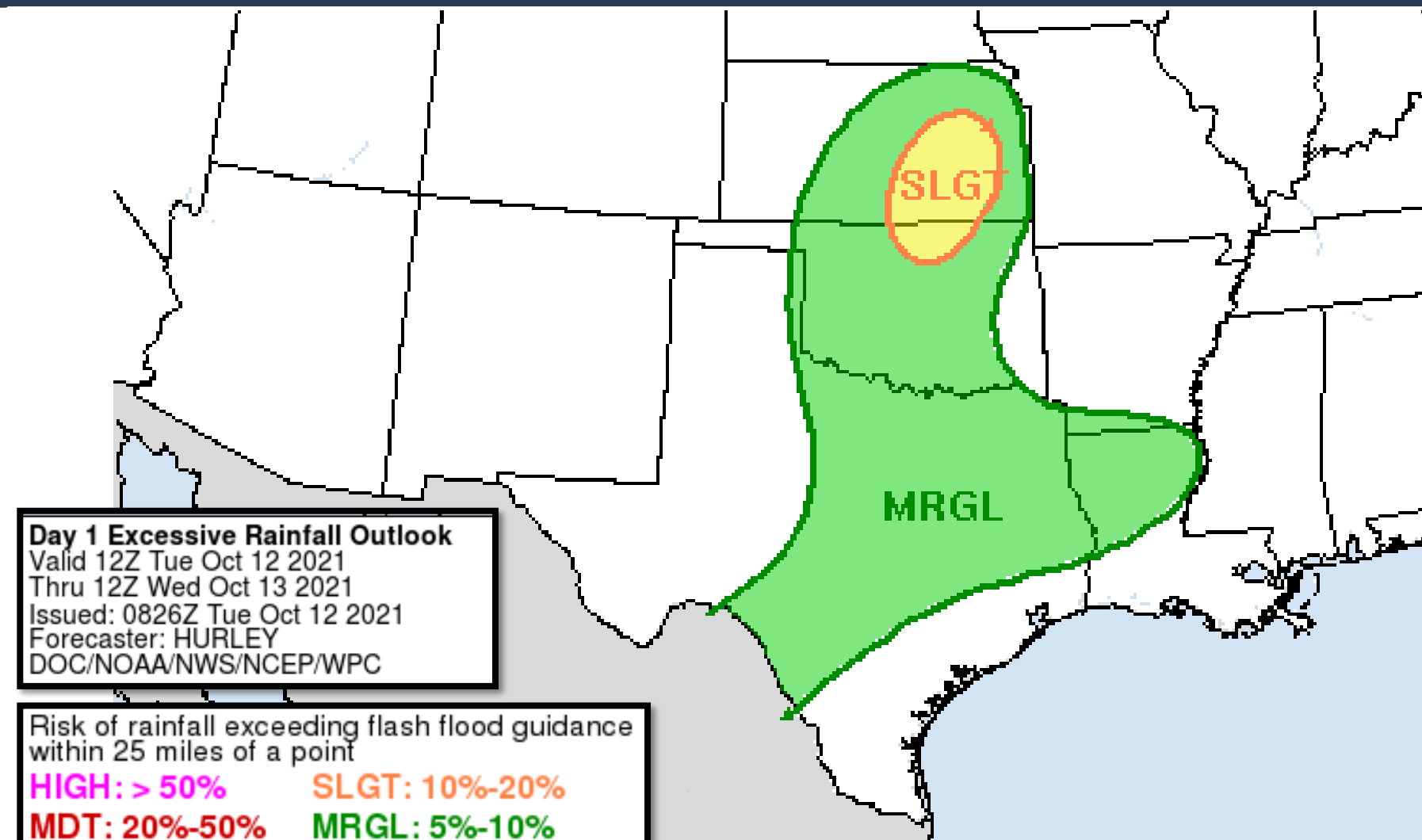
Enhanced risk of severe storms (wind, hail and isolated tornadoes) across OK into the TX Panhandle

Isolated heavy rainfall and flash flooding across OK into much of TX.

Severe Weather Outlook



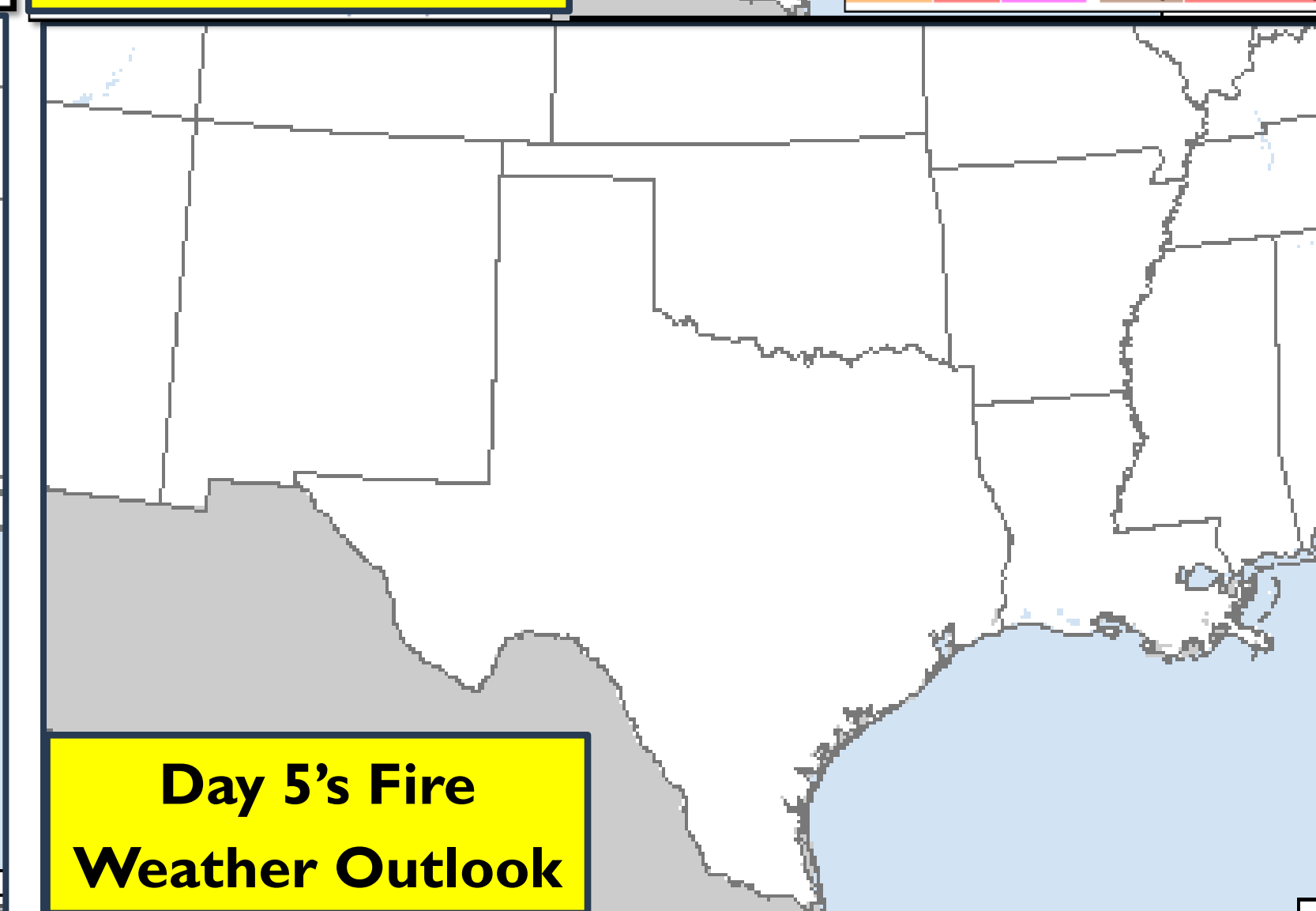
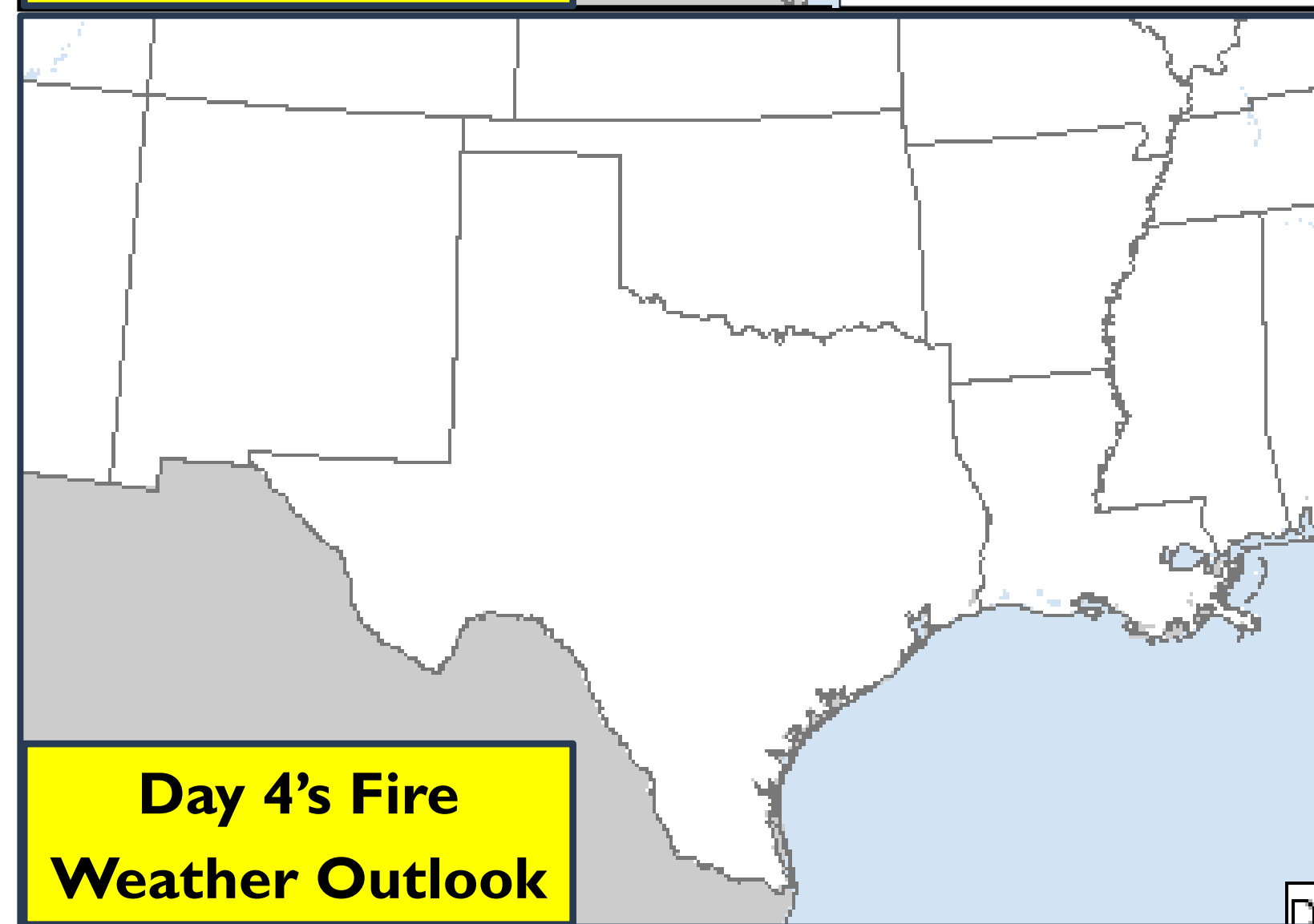
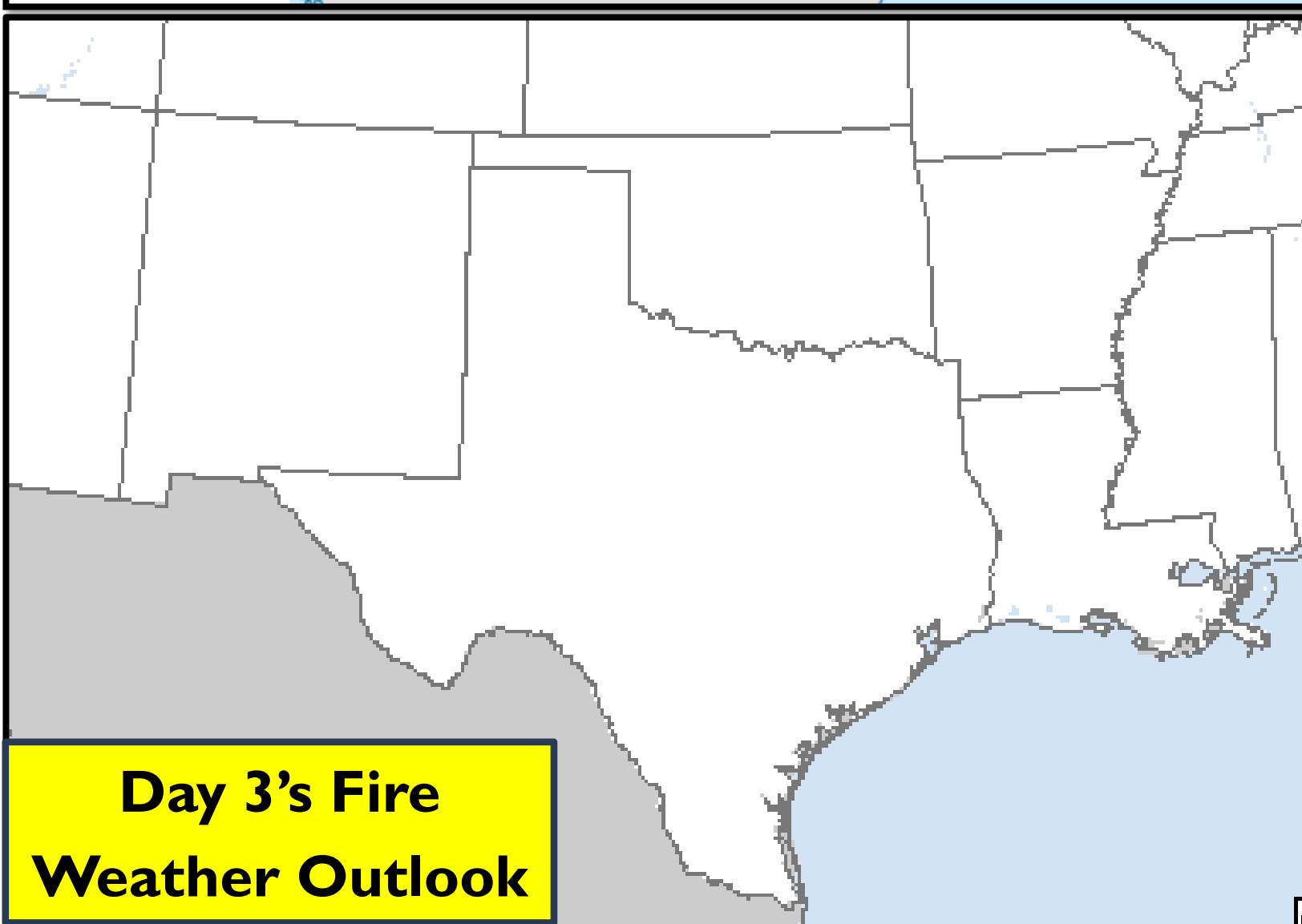
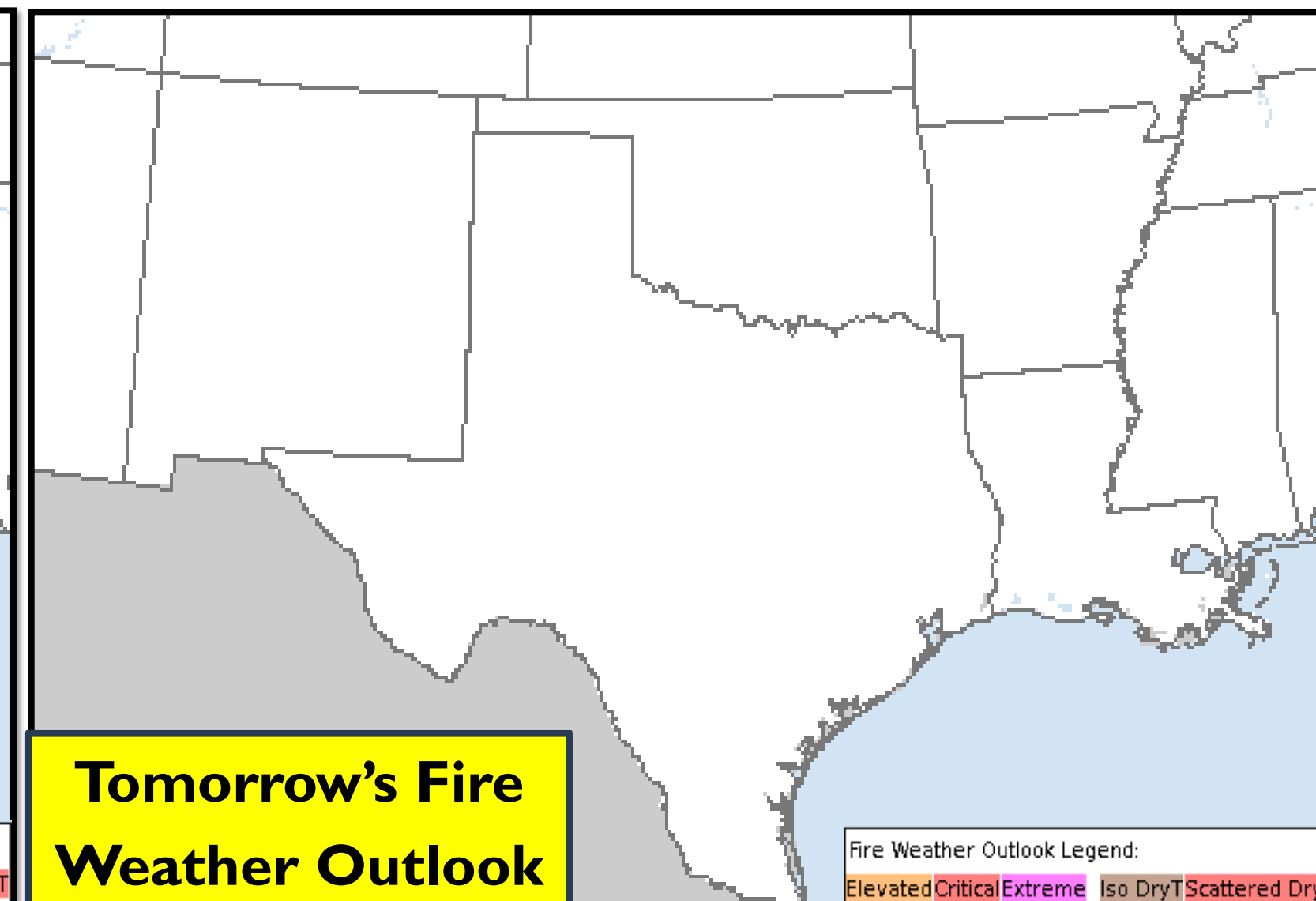
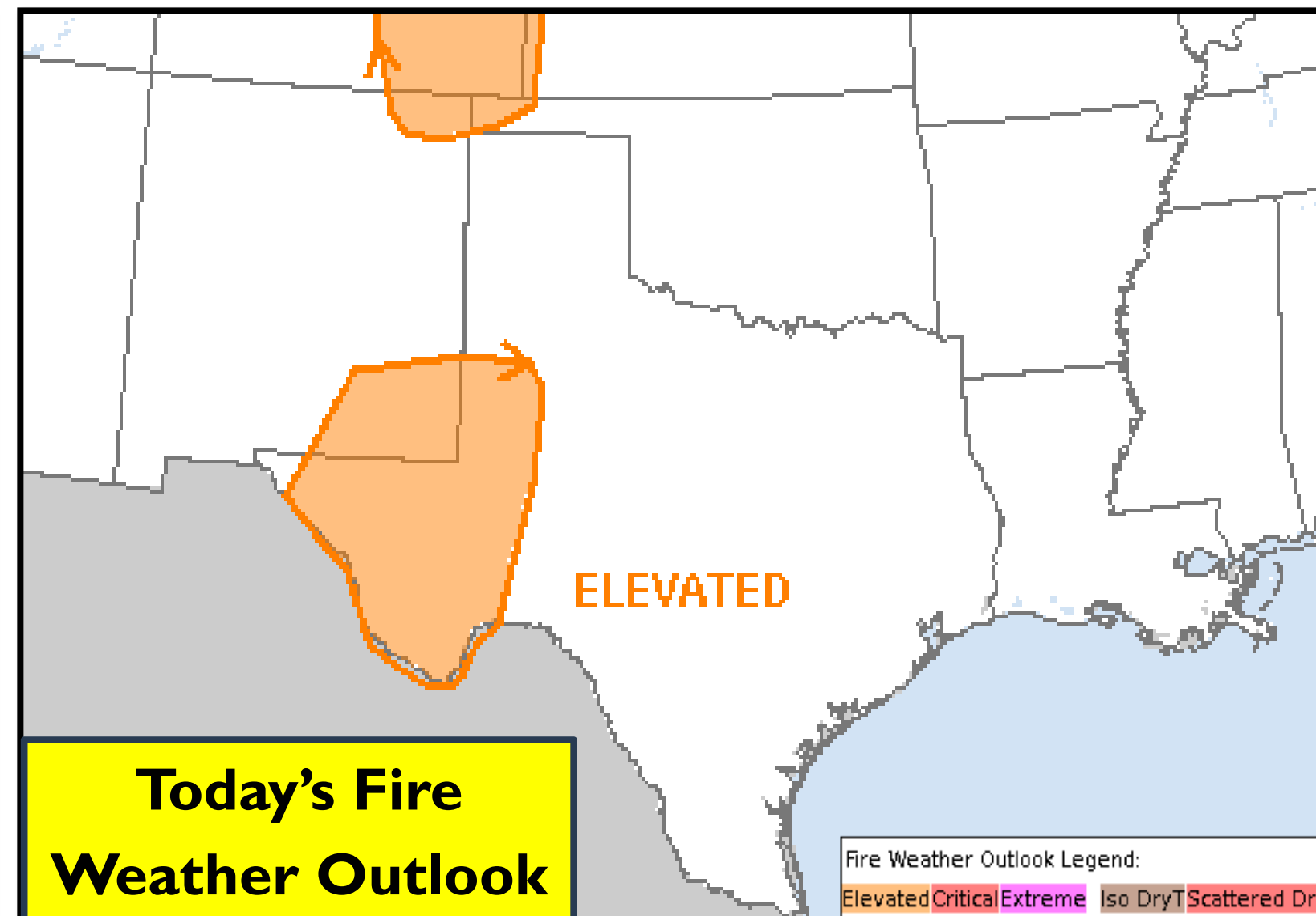
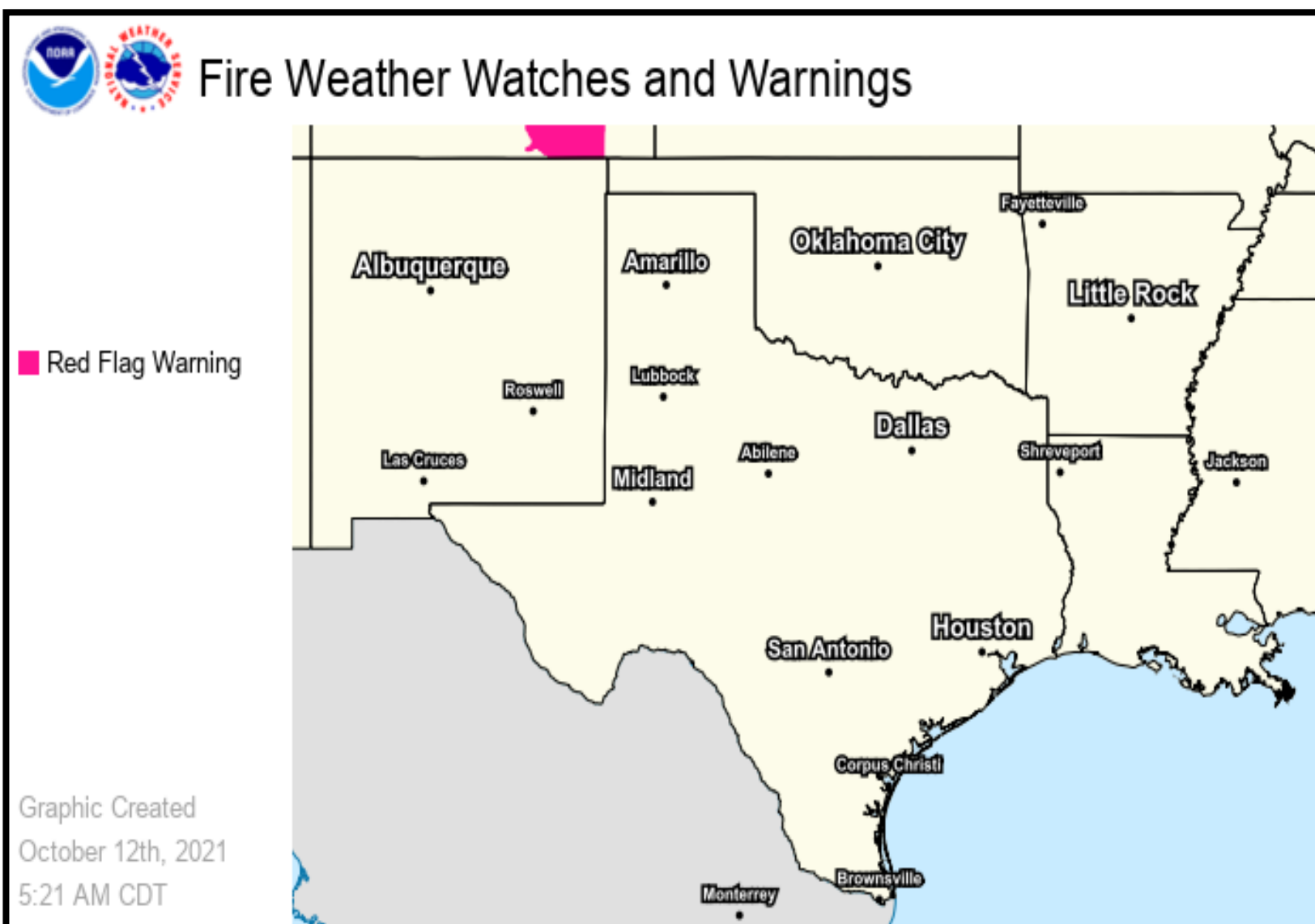
Excessive Rainfall Outlook



Fire Weather Outlooks



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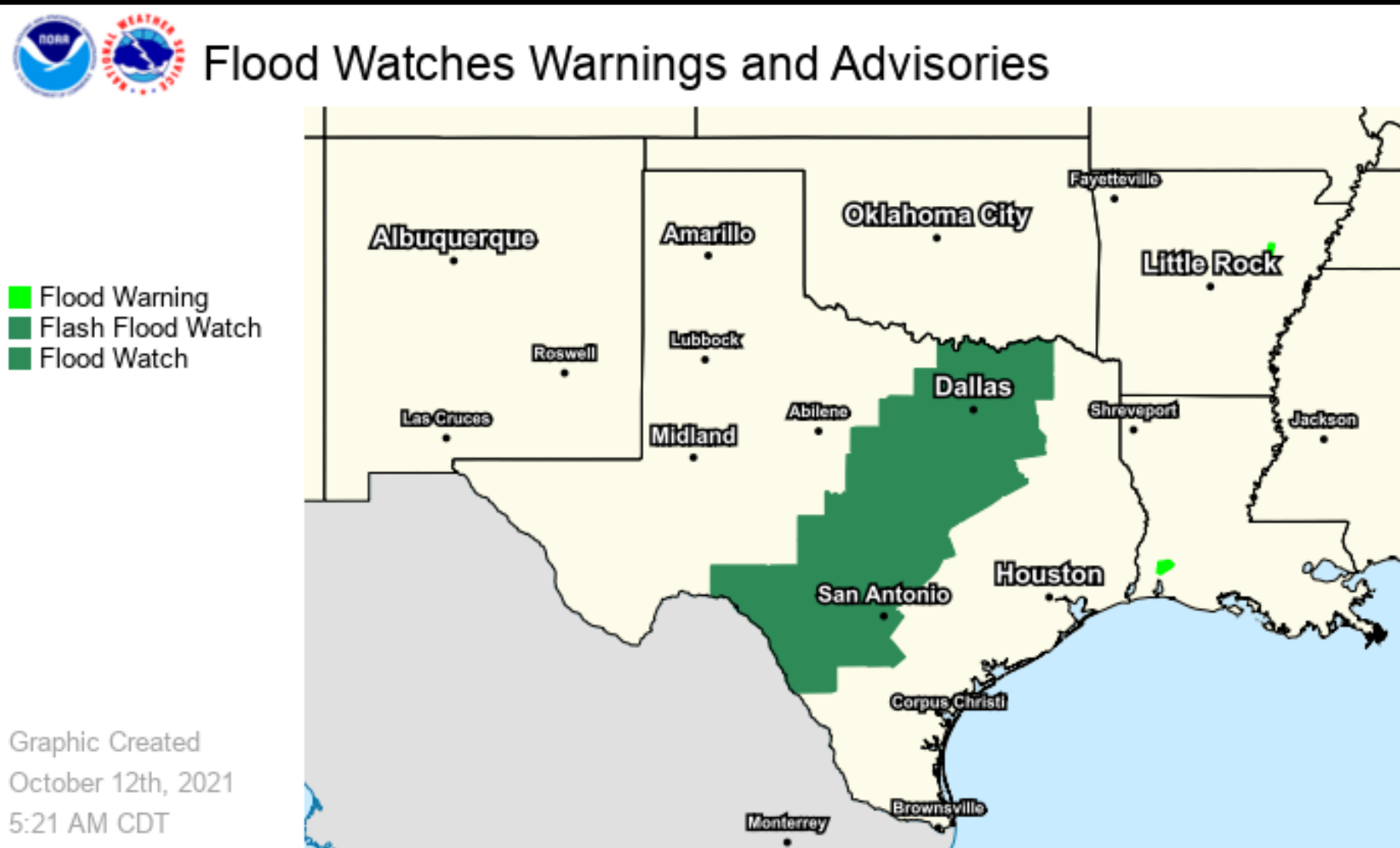
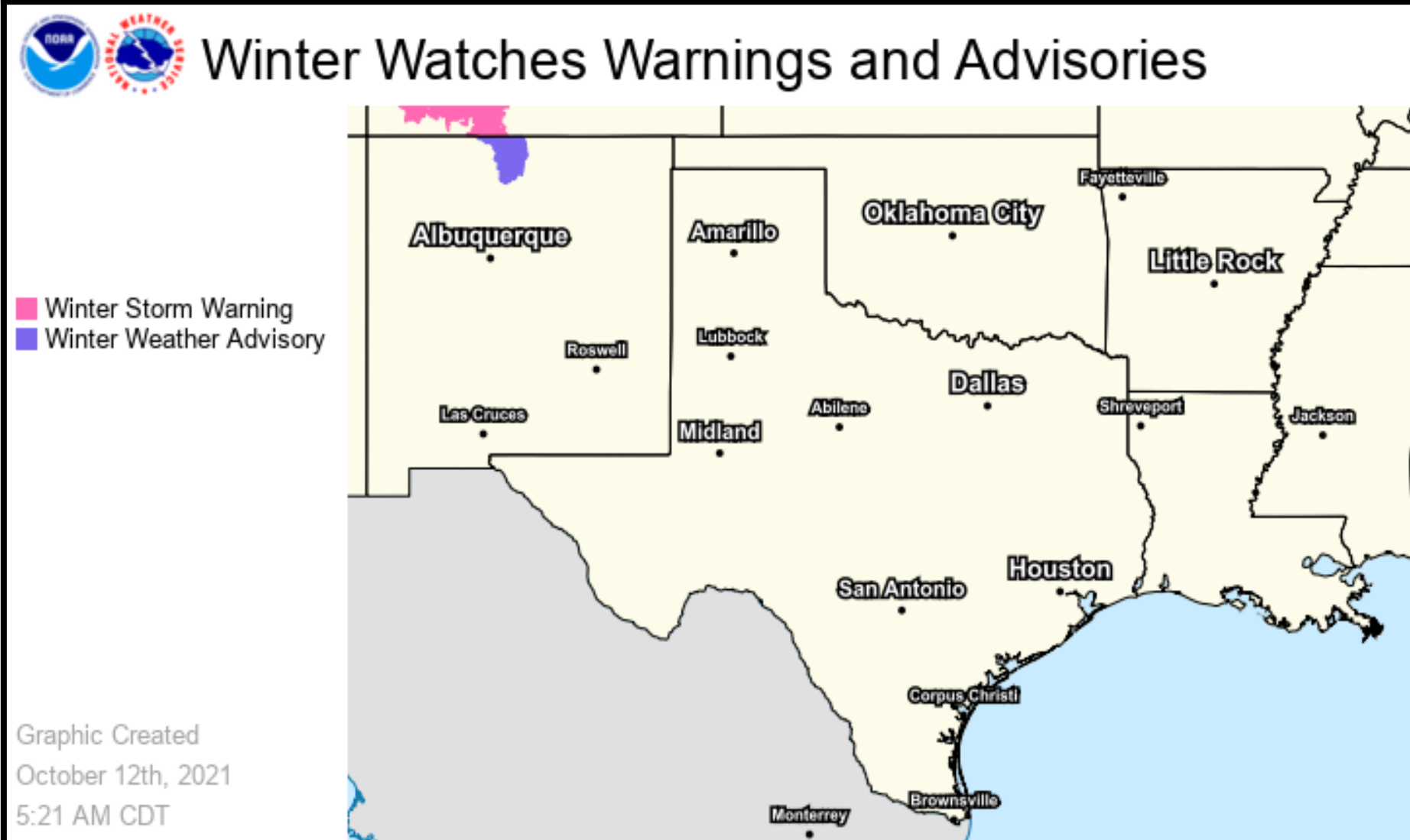
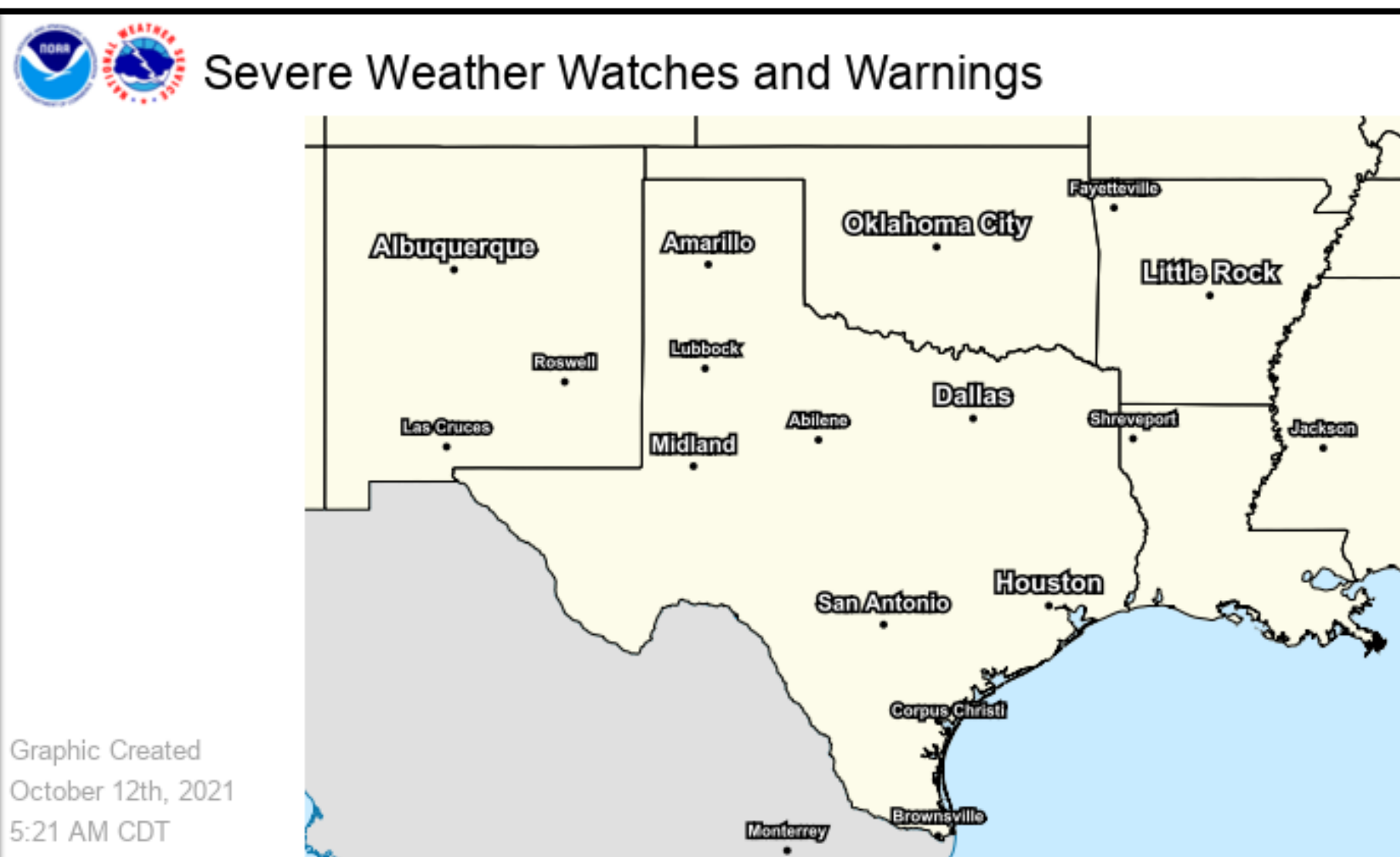
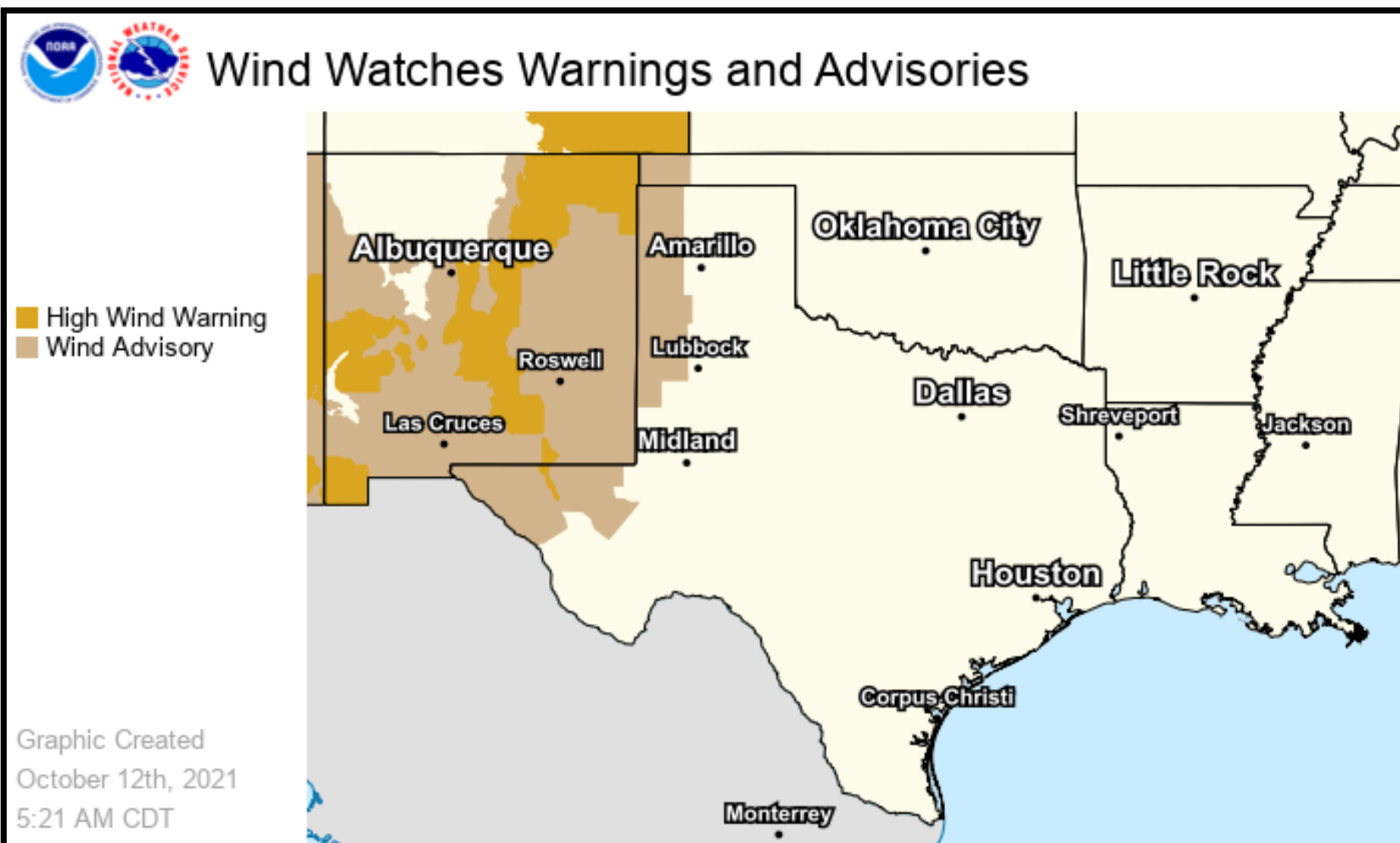


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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Flash flood watches across parts of TX.

High wind warnings in effect across NM and wind advisories for Far West TX and the Panhandle. Southwest winds gusting up to 60 mph.

Winter Weather

Tuesday - Thursday



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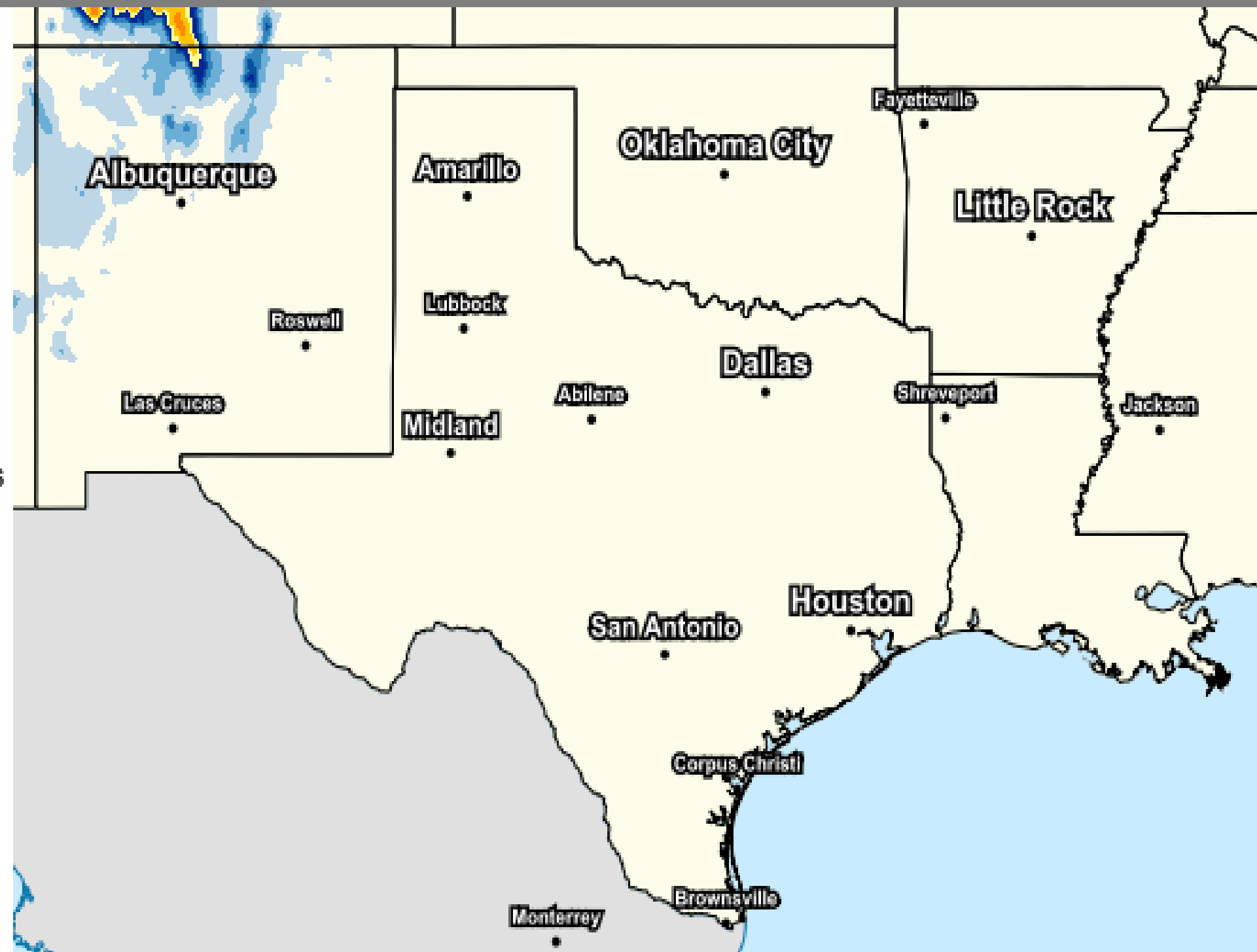
Forecast Snow Amounts



Forecast Snowfall

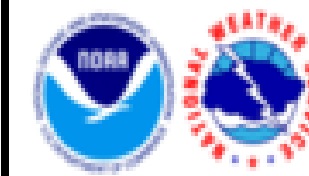
Valid Ending Thursday October 14th, 2021 at 7 PM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
October 12th, 2021
4:21 AM CDT

Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Thursday October 14th, 2021 at 7 PM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



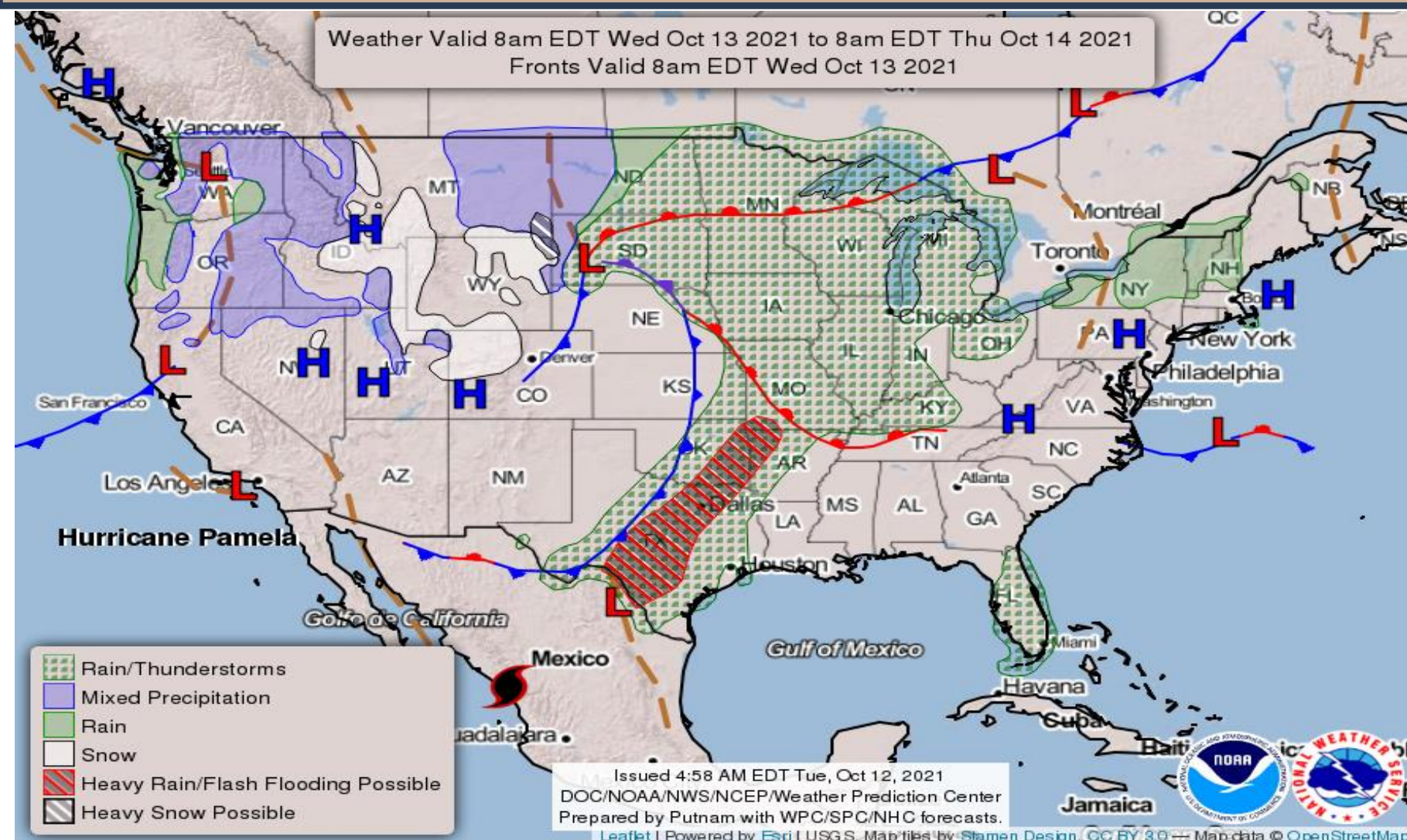
Graphic Created
October 12th, 2021
4:21 AM CDT

Tomorrow's Weather

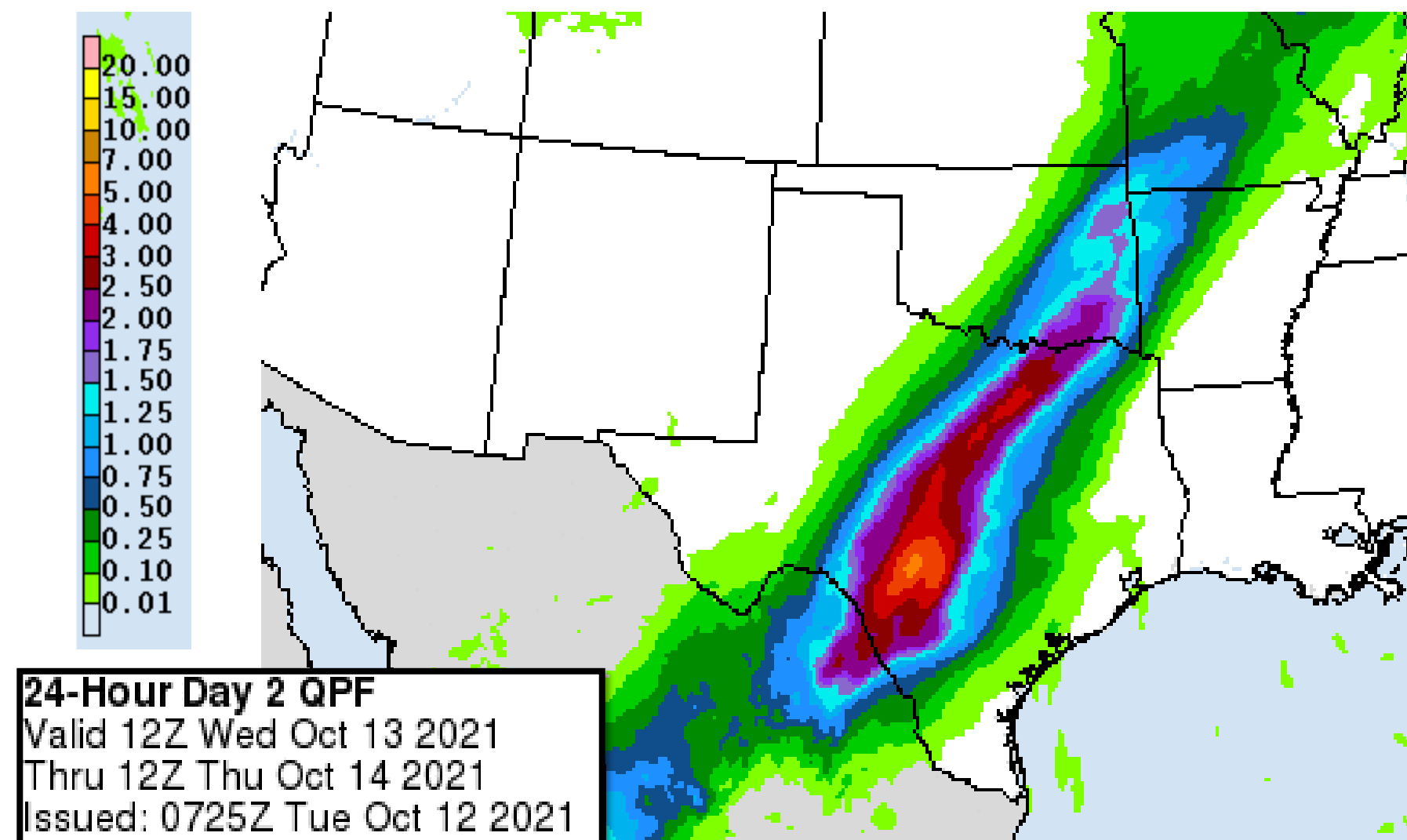


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Forecast Chart



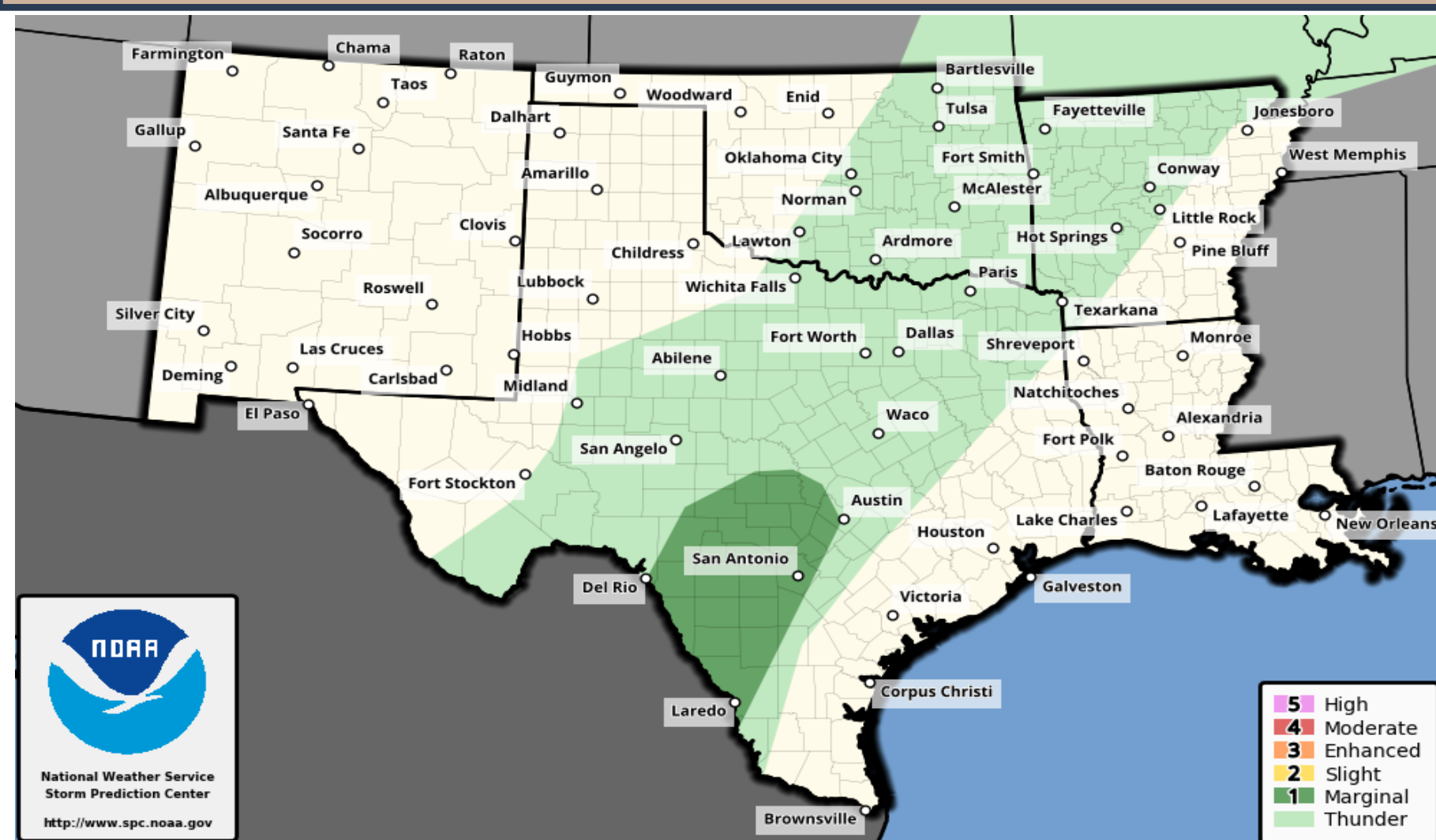
Forecast Rainfall



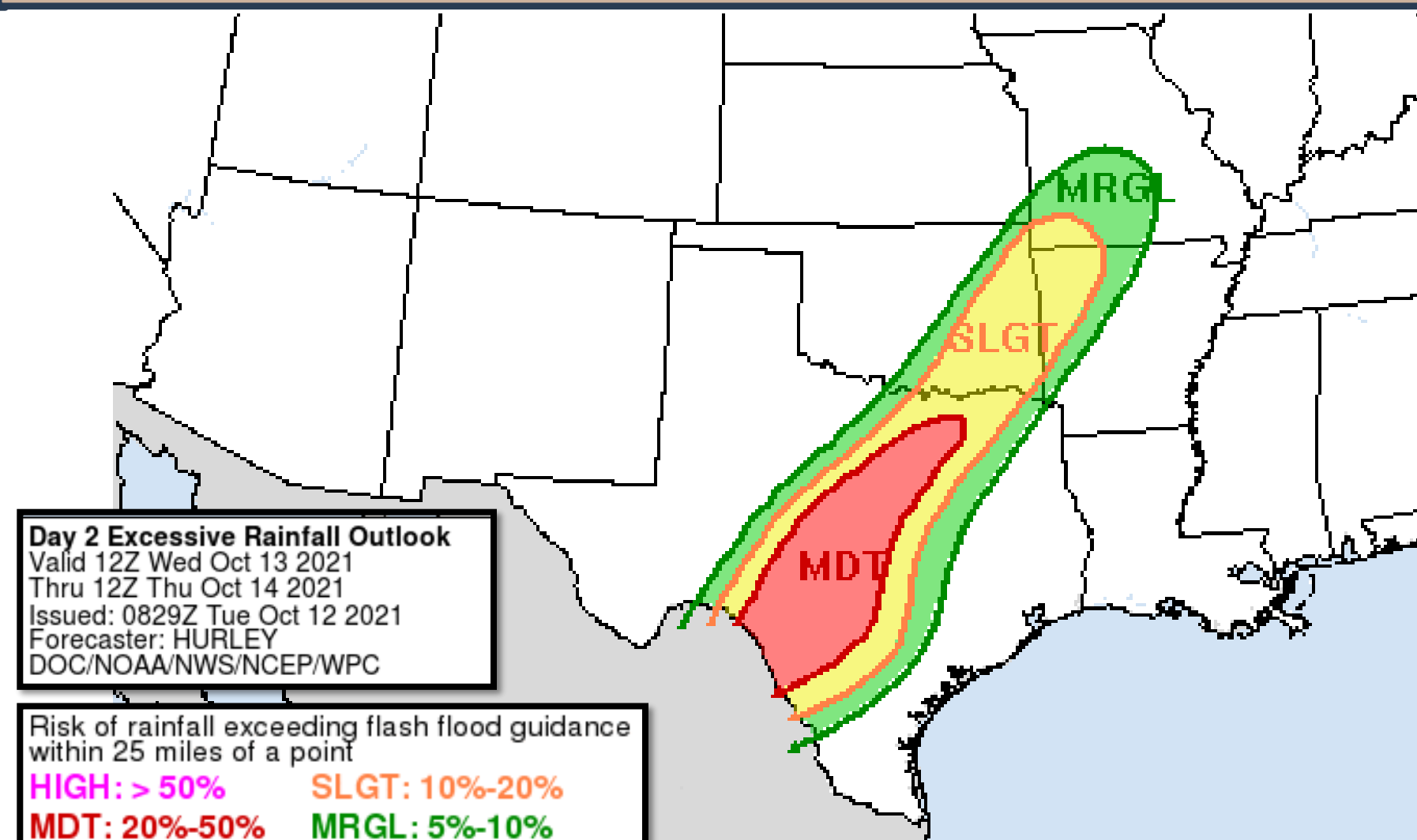
Potential for heavy rainfall and flash flooding across TX, SE OK, into W AR.

Isolated strong to severe storms across SW TX.

Severe Weather Outlook

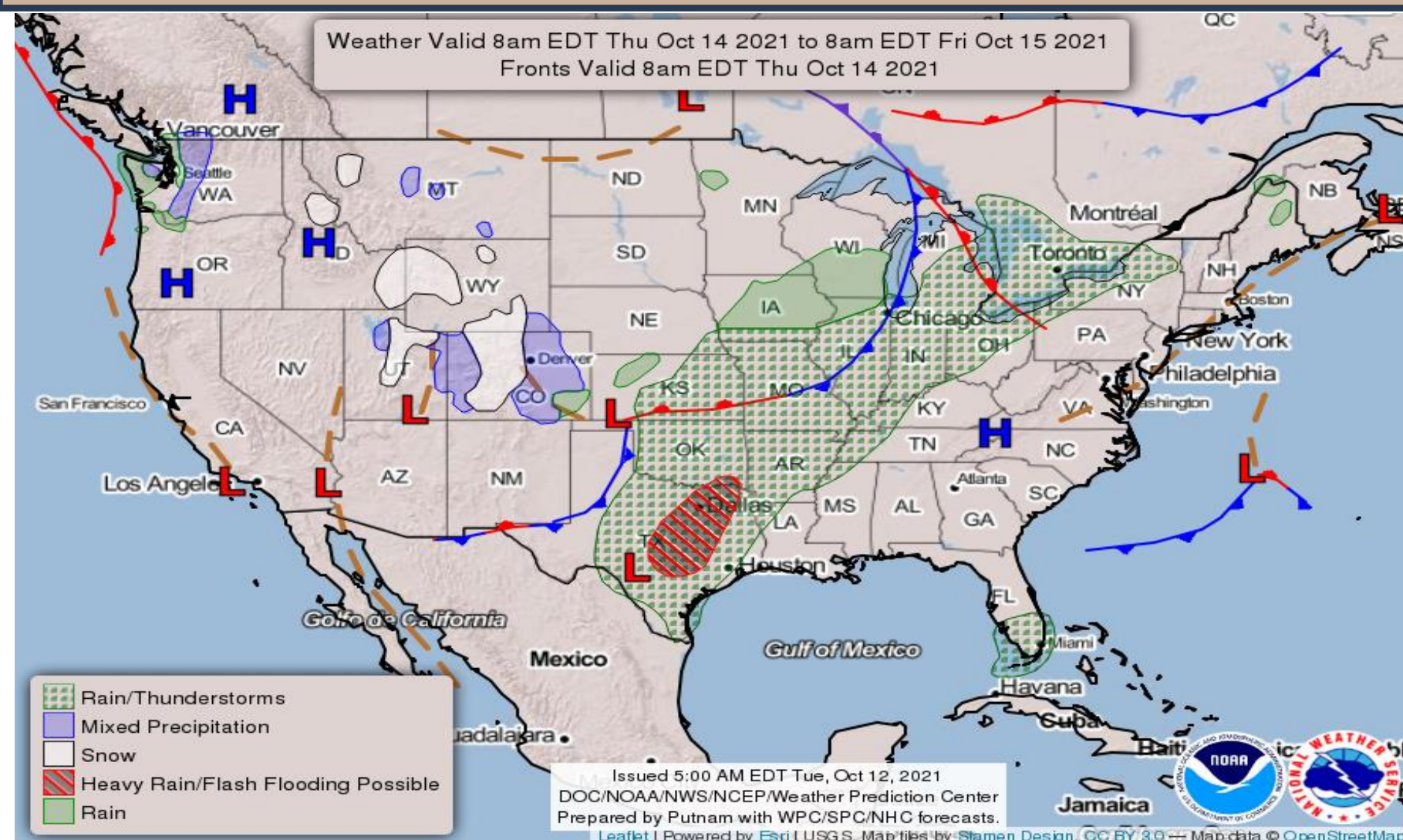


Excessive Rainfall Outlook

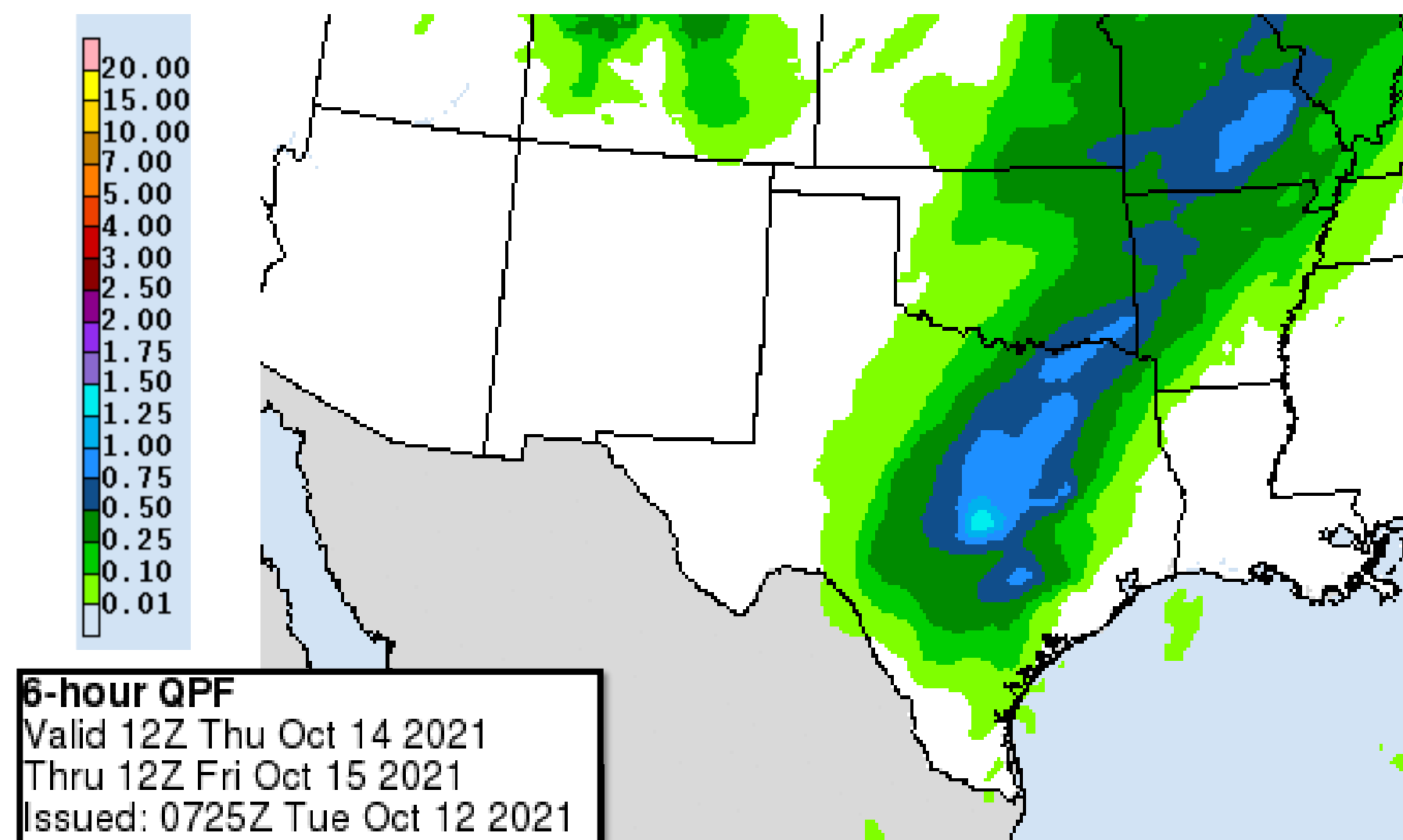


Thursday's Weather

Forecast Chart

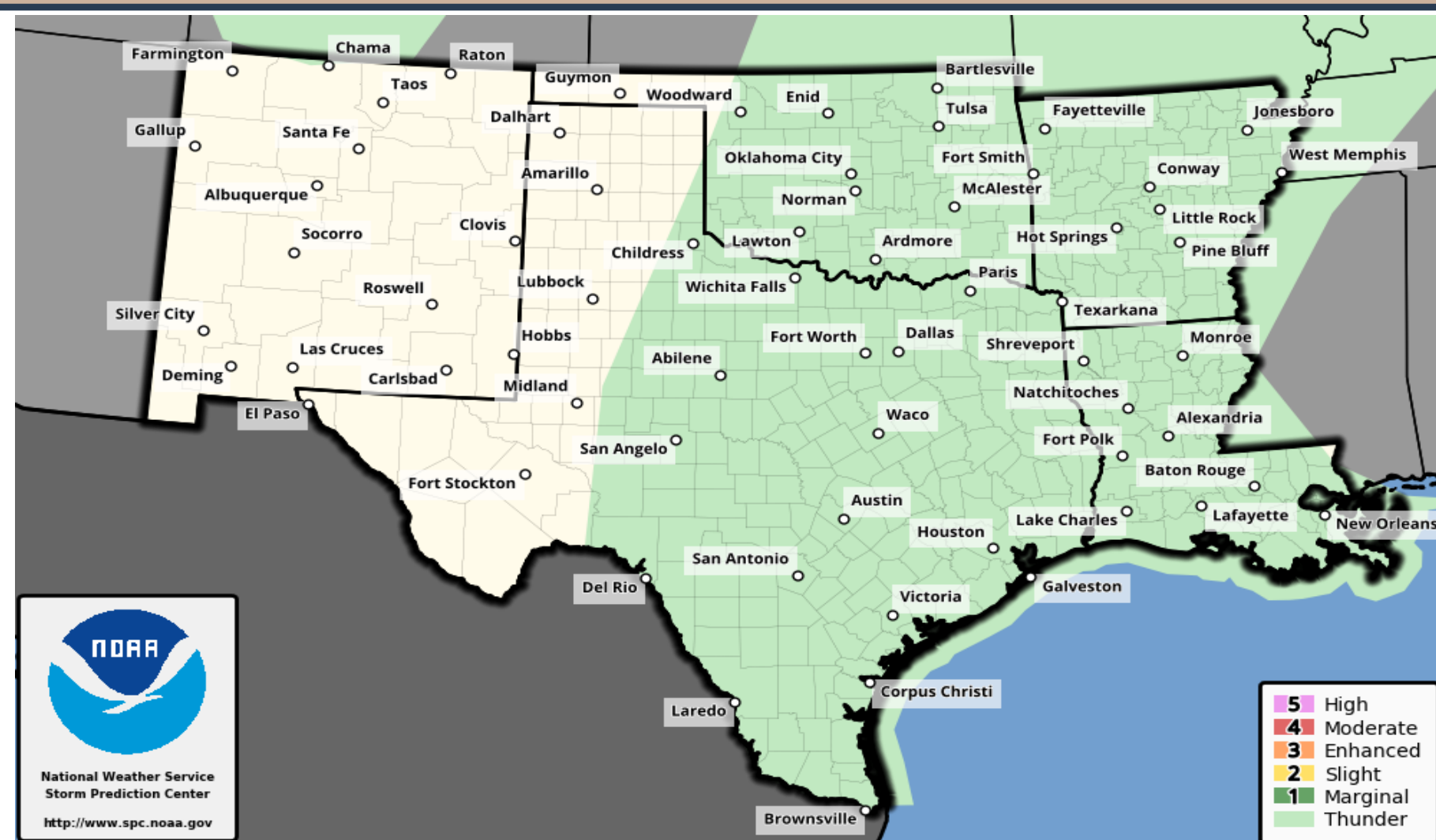


Forecast Rainfall

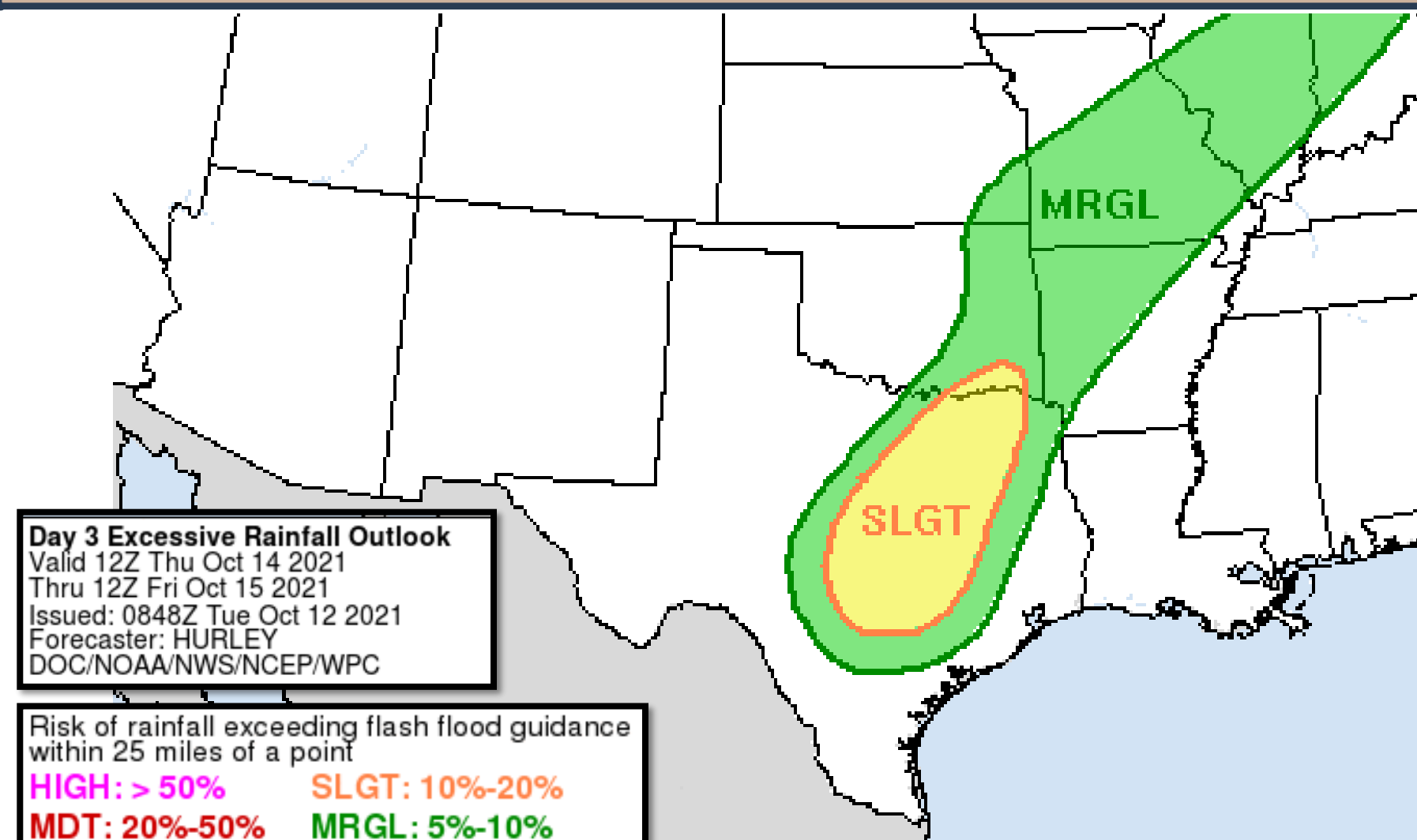


Heavy rain/flash flooding for parts of TX into E OK and W AR.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Friday - Saturday



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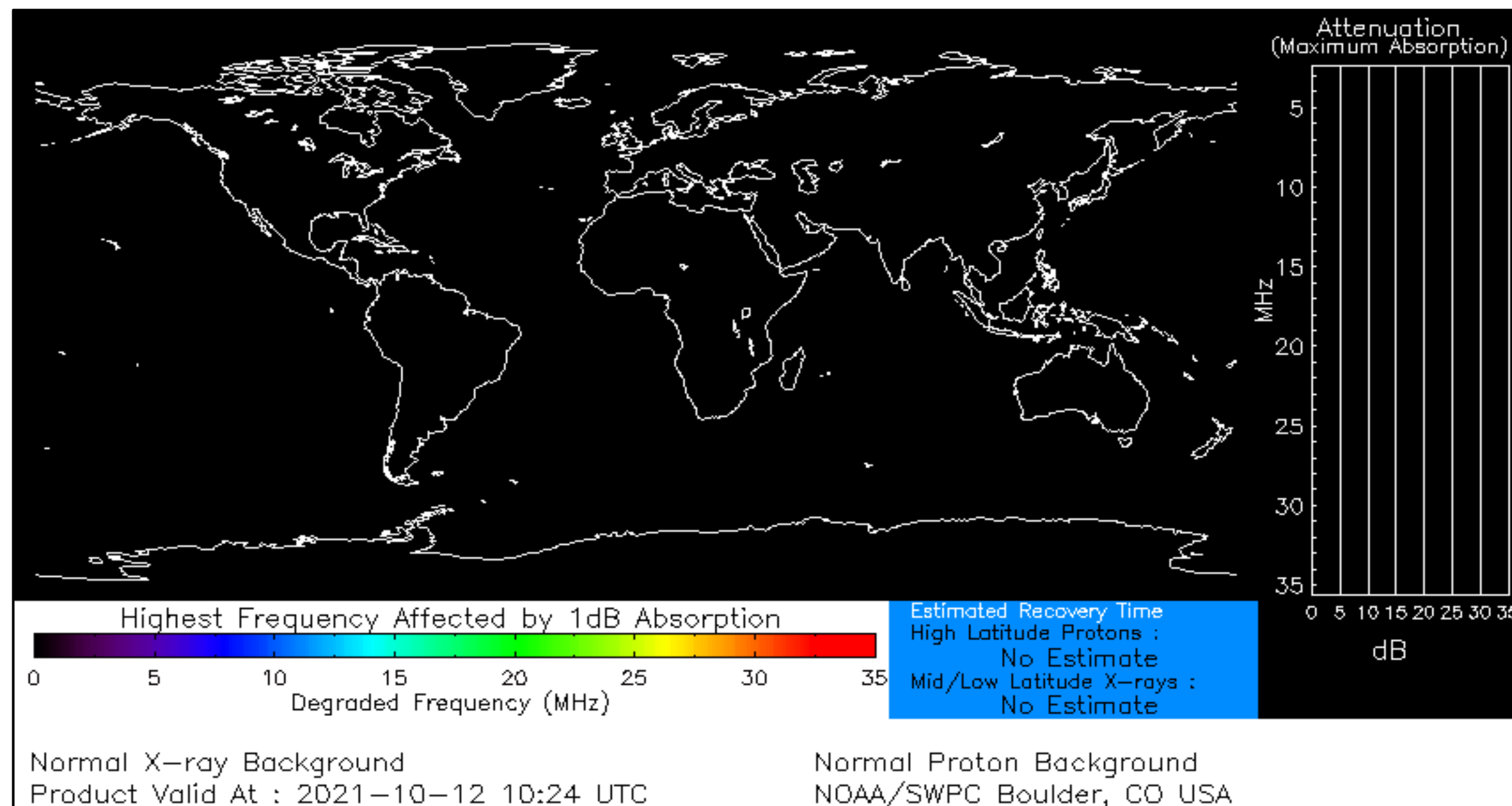
No significant weather impacts expected.

Space Weather 3-Day Forecast



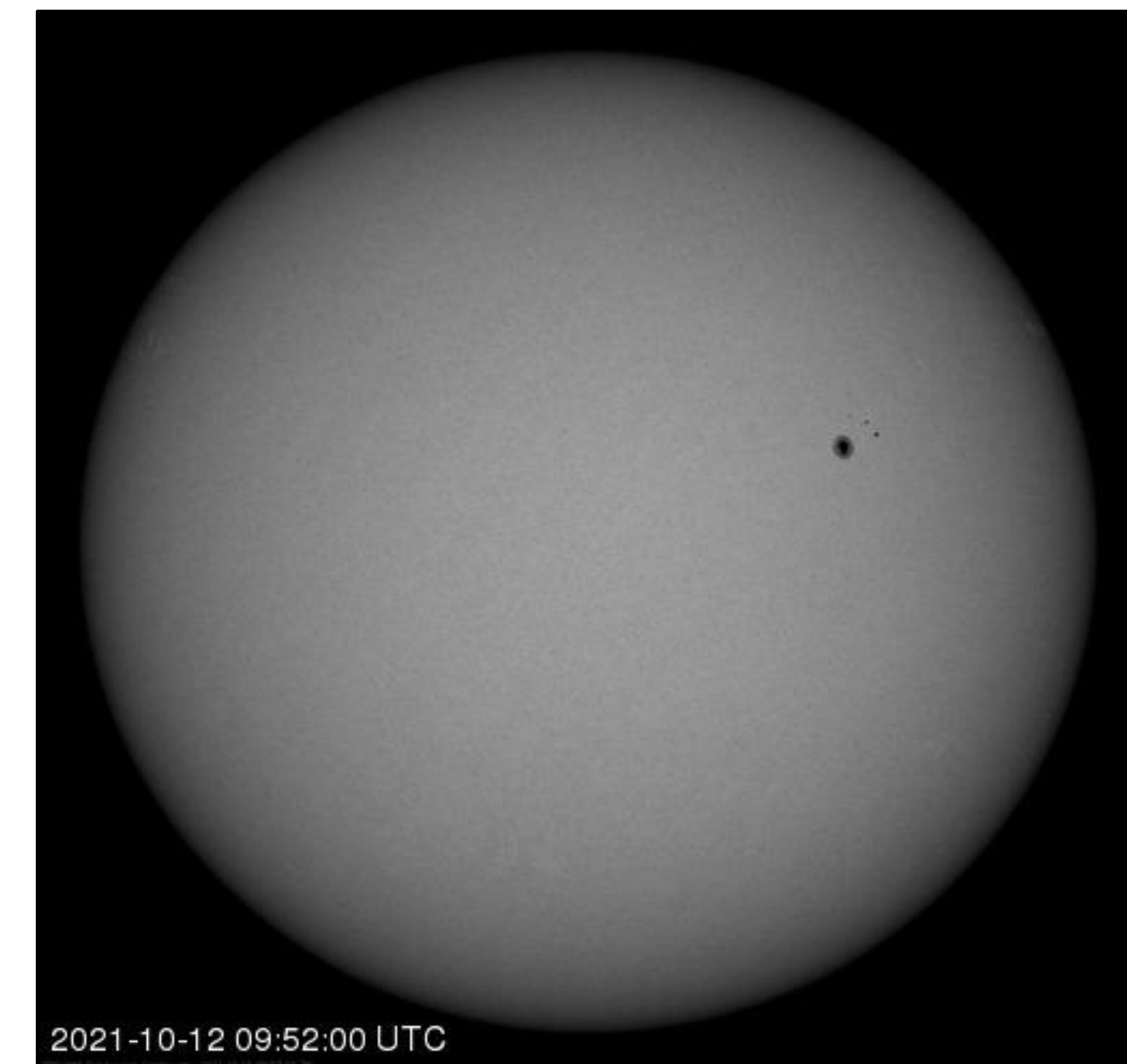
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Moderate G1 Storm (Max Kp = 6)	Active (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov